**עבודה פורמולה 1**

**ענף אוטונומיה**

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**Software Assignment 1: Face Recognition**

* Overview:

I was using face\_recognition library in my project there for the algoritem for the face recognition was under these library.  
my results was calculated using counting samples over live feed from my webcam

* results
  + success rate : 1.0 for 100 samples
  + A close-up of a traffic cone

    Description automatically generated with medium confidencefalse alarms : 0 for 100 samples
* Do you think this can be used for road cones recognition?

As said in the overview using the face\_recognition library was followed by downloading opencd and dlib dependencies.  
From my review over face\_recognition documentation I saw that most of the given function focused on face detection for manipulation and comparisons.

I can tell that reading about dlib it possible to track objects from there, but I guess there are more library that can give more convenient ways to map the road cone structure.